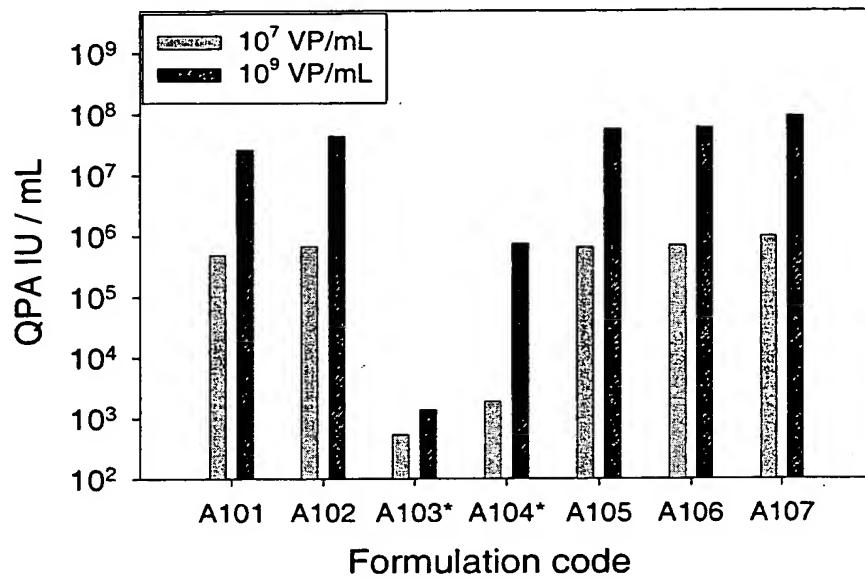


Figure 1. Effect of one freeze/thaw cycle on the stability of Ad5gag in candidate formulations



*QPA assays of these two formulations showed either little infection or wide margin of error.

Variability of assay ~ 0.15 logs.

Figure 2. Effect of freeze/thaw on the stability of Ad5gag in initial formulation candidates at 10^7 vp/mL

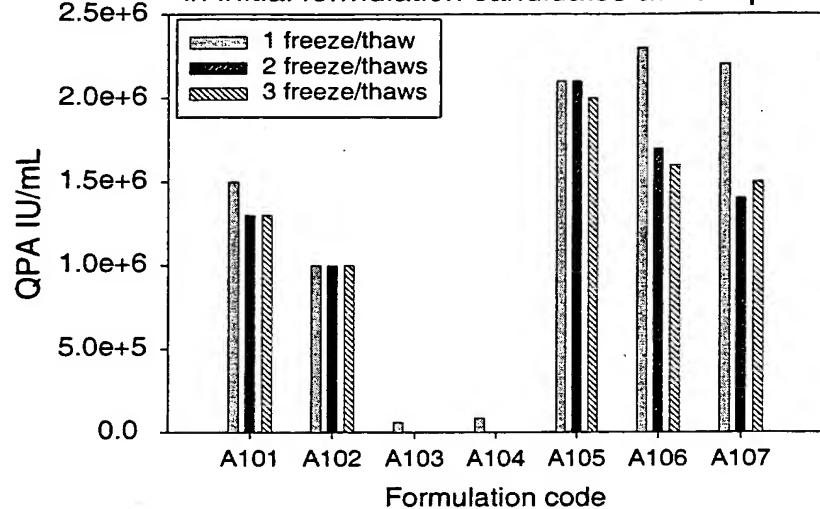
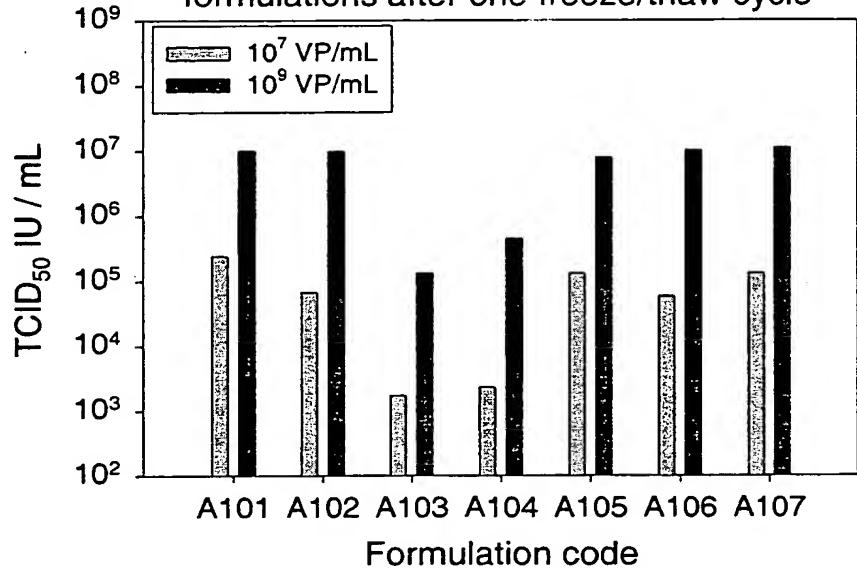
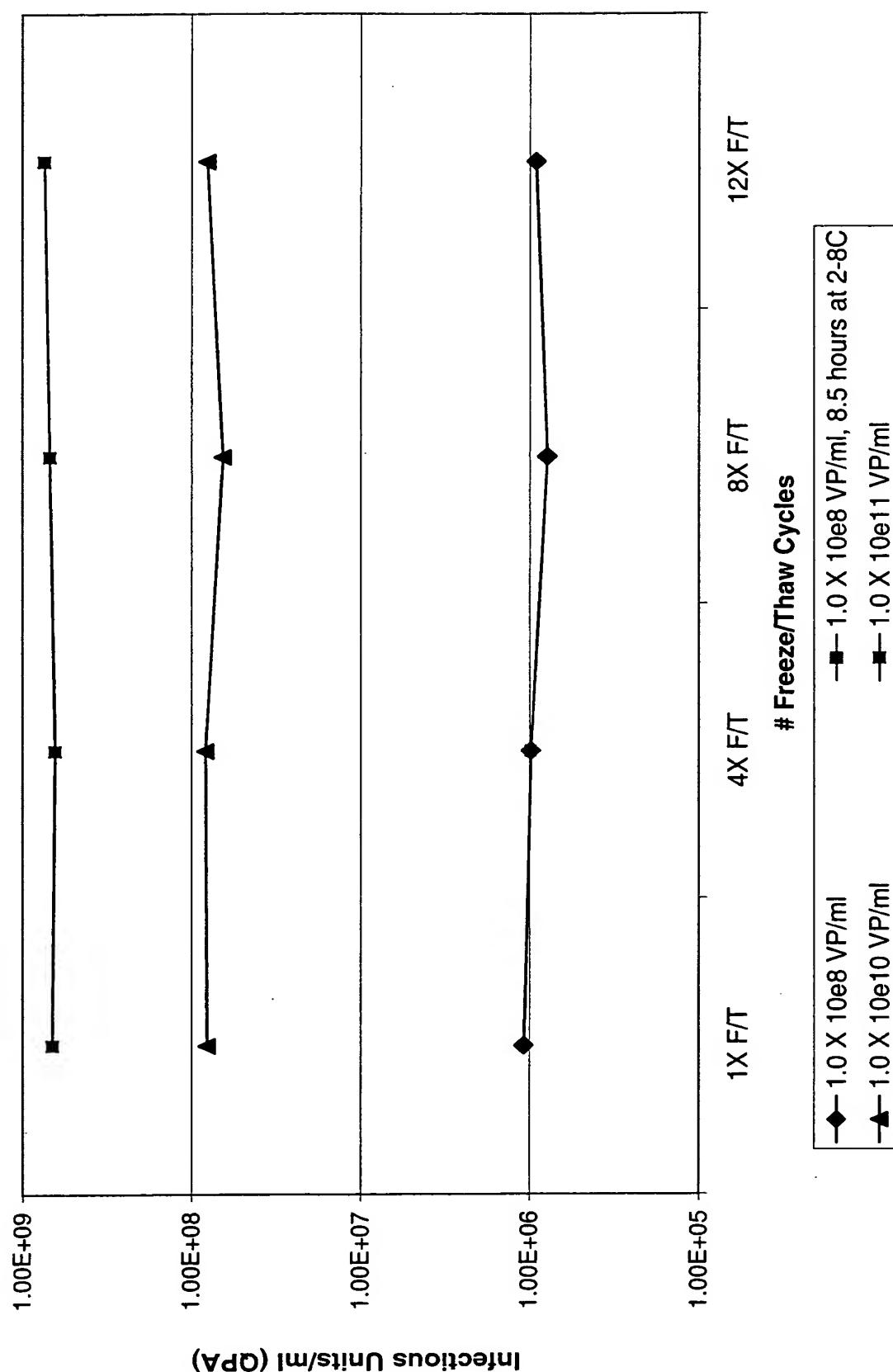


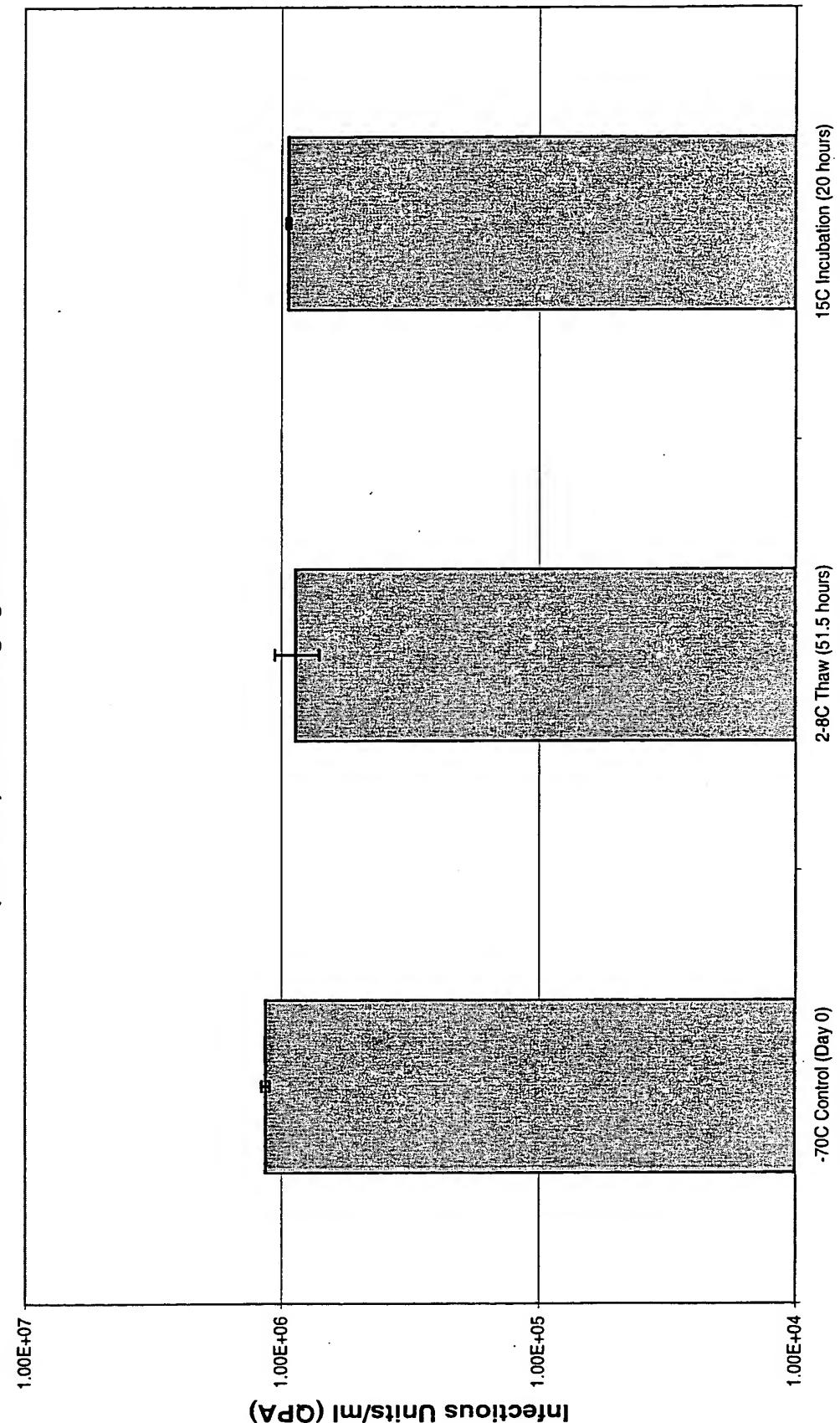
Figure 3. TCID₅₀ assay of Ad5gag in candidate formulations after one freeze/thaw cycle



**Figure 4. Effect of freeze/thaw on the stability
of Ad5FLgag in A105**



**Figure 5. Effect of freeze/thaw on a large aliquot
(600 mL) of Ad5FLgag in A105**



Temperature and Time Point

-70C Control (Day 0) 2-8C Thaw (51.5 hours)

15C Incubation (20 hours)

15C Incubation (20 hours)

Figure 6. Short-term stability of Ad5gag in candidate formulations

after 72 hours at 2-8°C

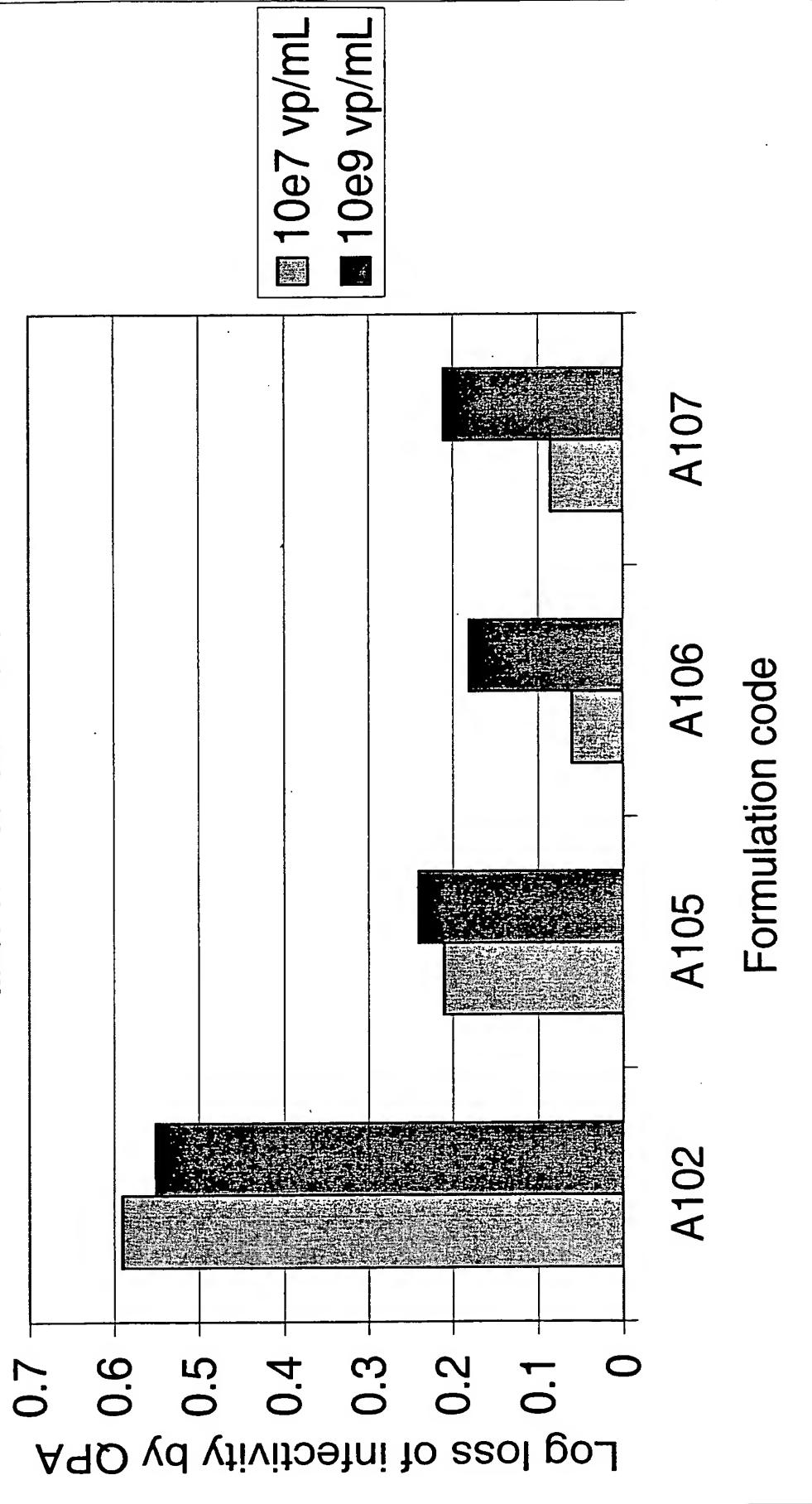


Figure 7. Short-term stability of Ad5gag at 2-8°C

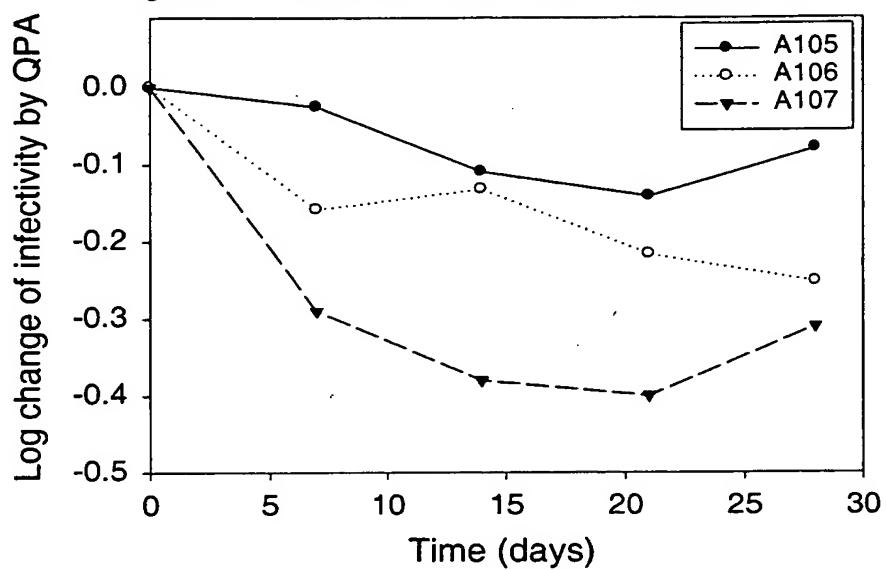


Figure 8. Short-term stability of Ad5gag at 15°C

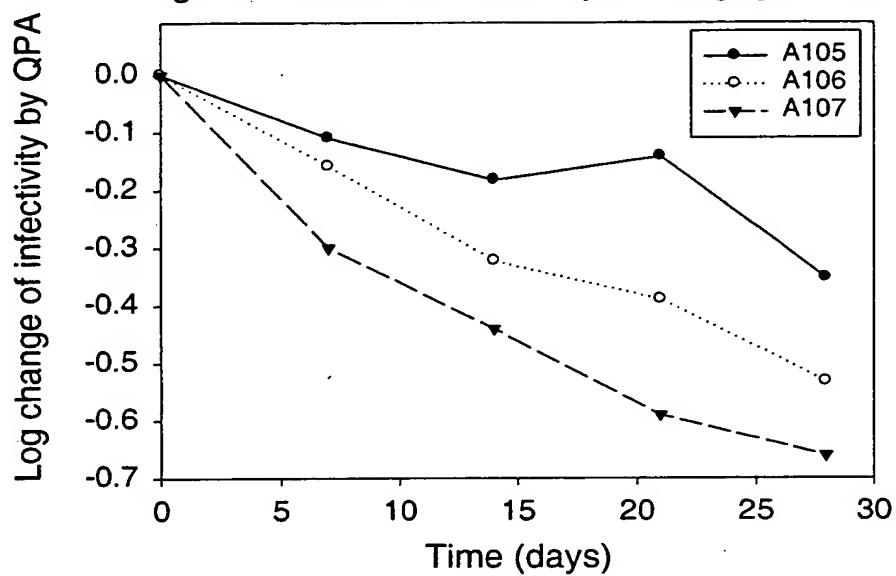


Figure 9. Short-term stability of Ad5gag at 25°C

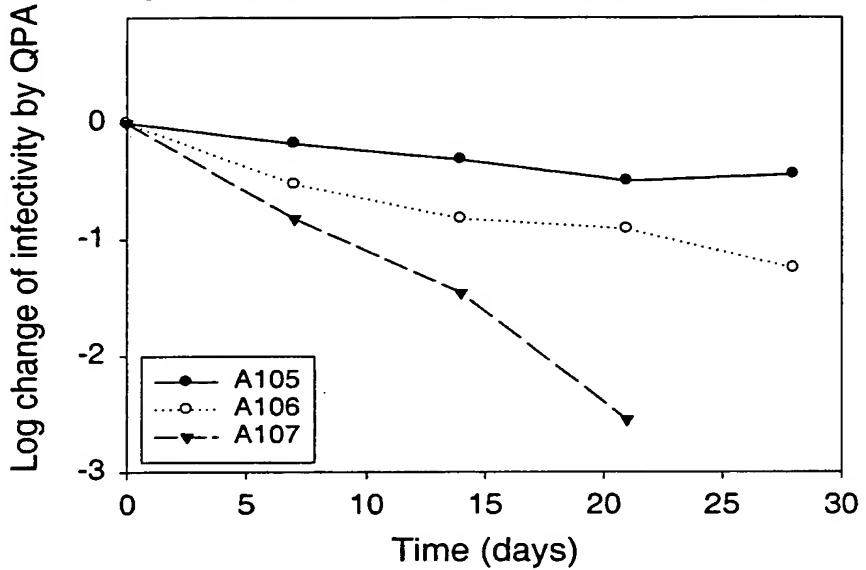


Figure 10. Short-term stability of Ad5gag at 37°C

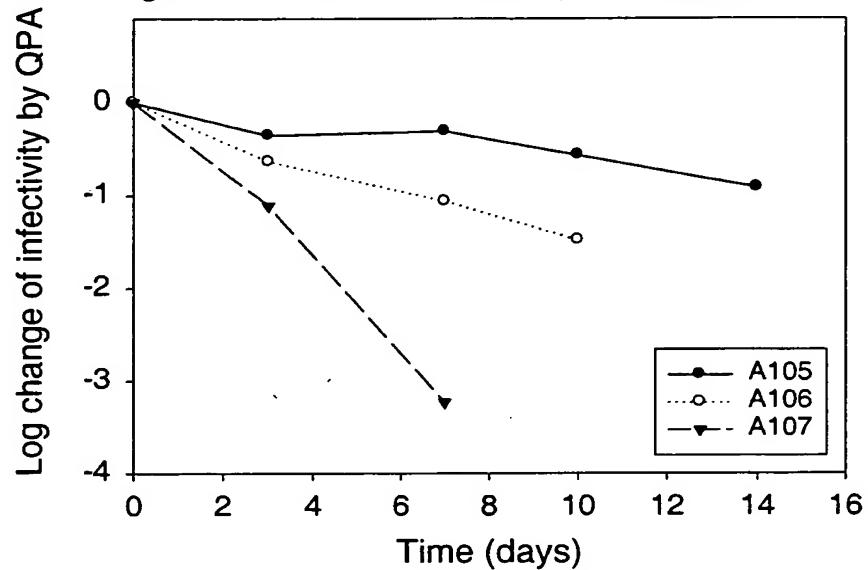


Figure 11. Arrhenius plot of Ad5gag inactivation at pH 7.4 and pH 8.6

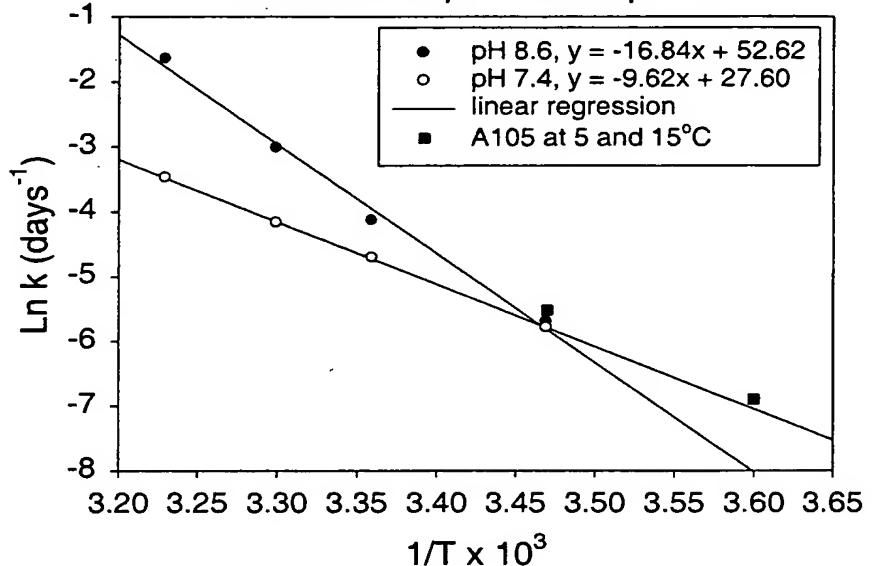
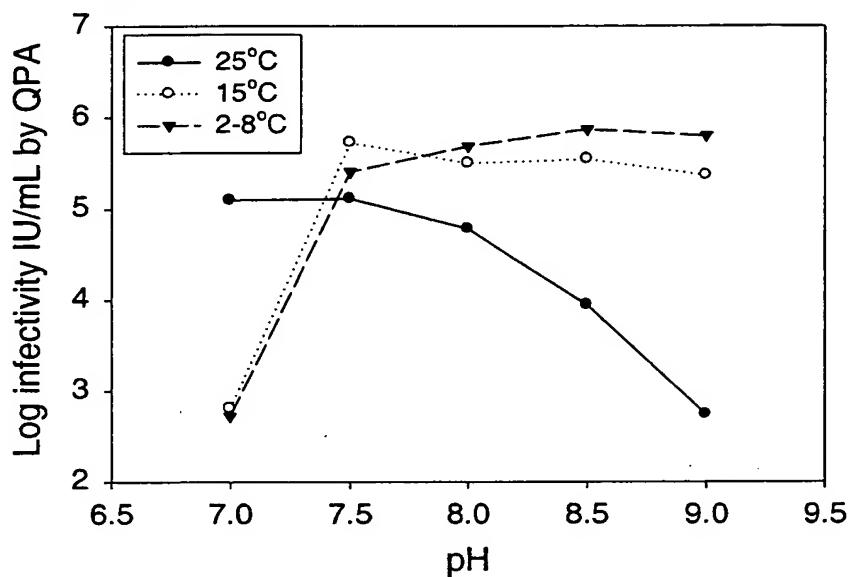


Figure 12. Effect of pH on the stability of Ad5gag



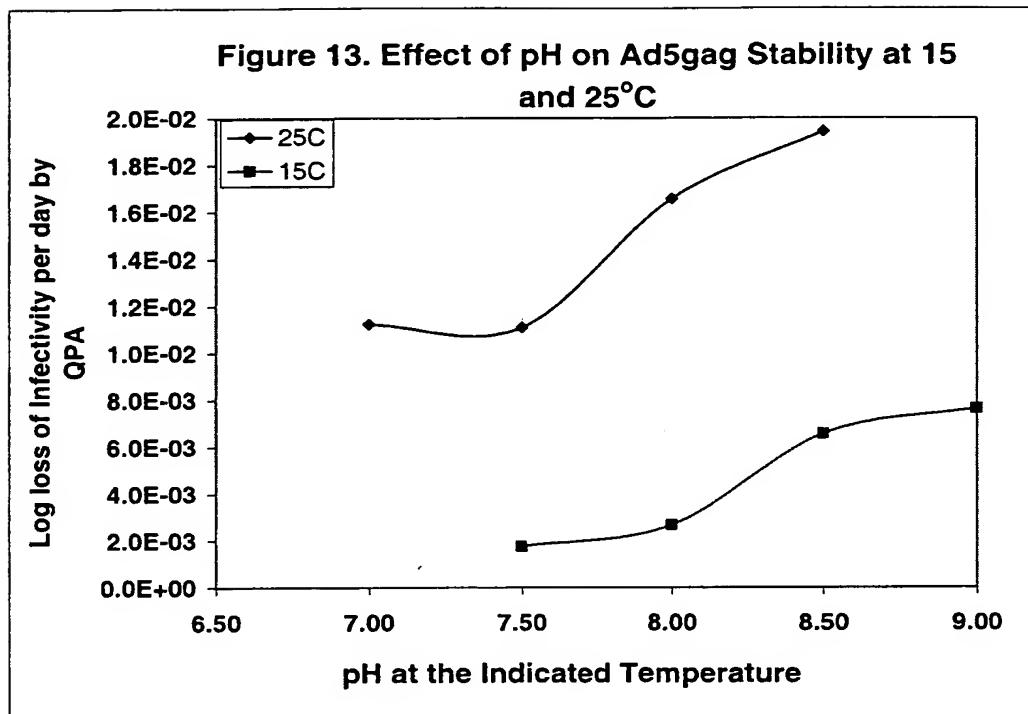


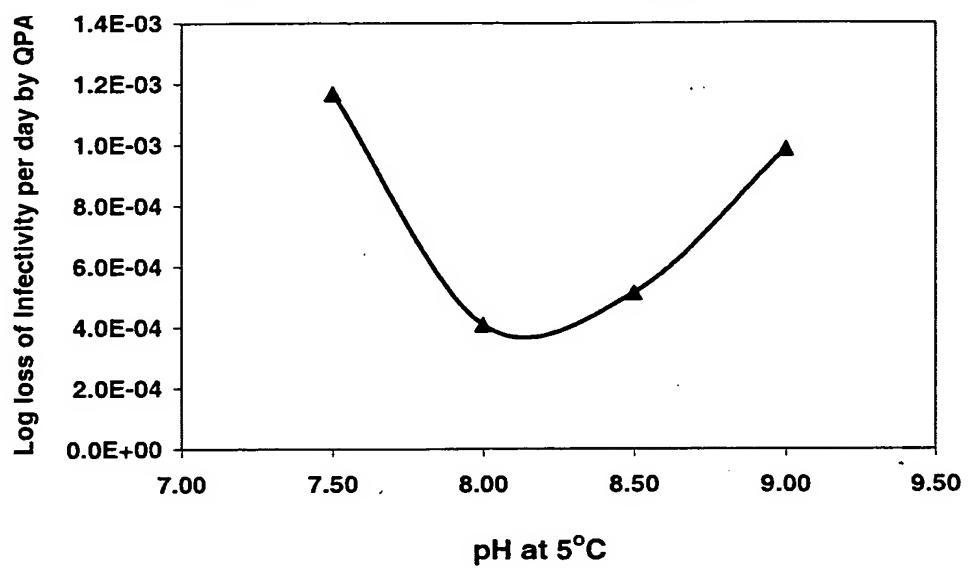
Figure 14. Effect of pH on Ad5gag Stability at 5°C

Figure 15. Effect of MgCl₂ on the stability of Ad5gag

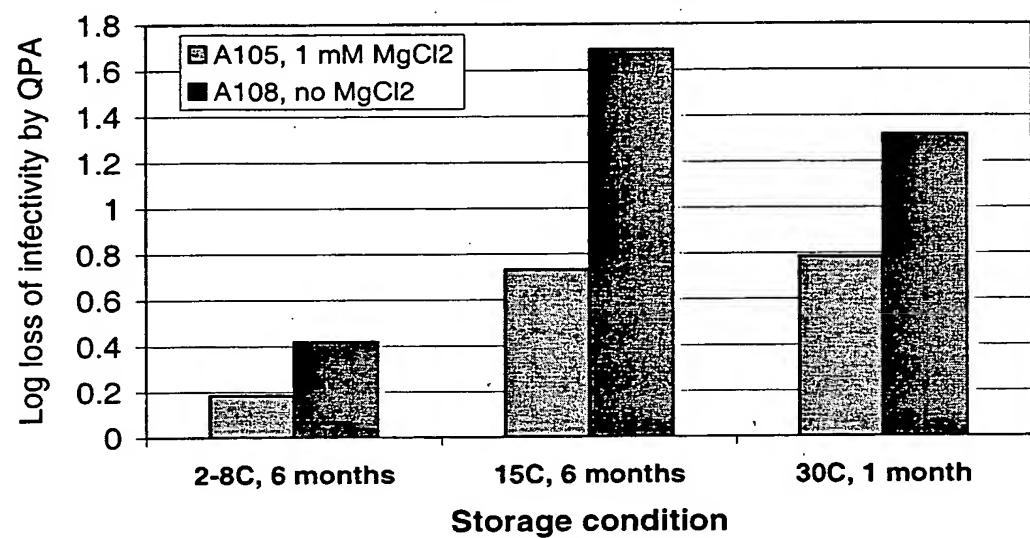


Figure 16. Effect of $MgCl_2$ concentration on the stability of Ad5gag at 30°C

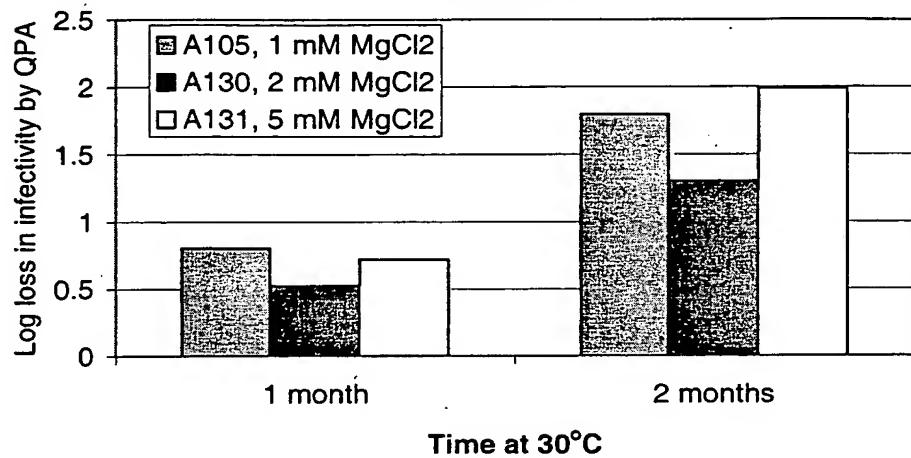
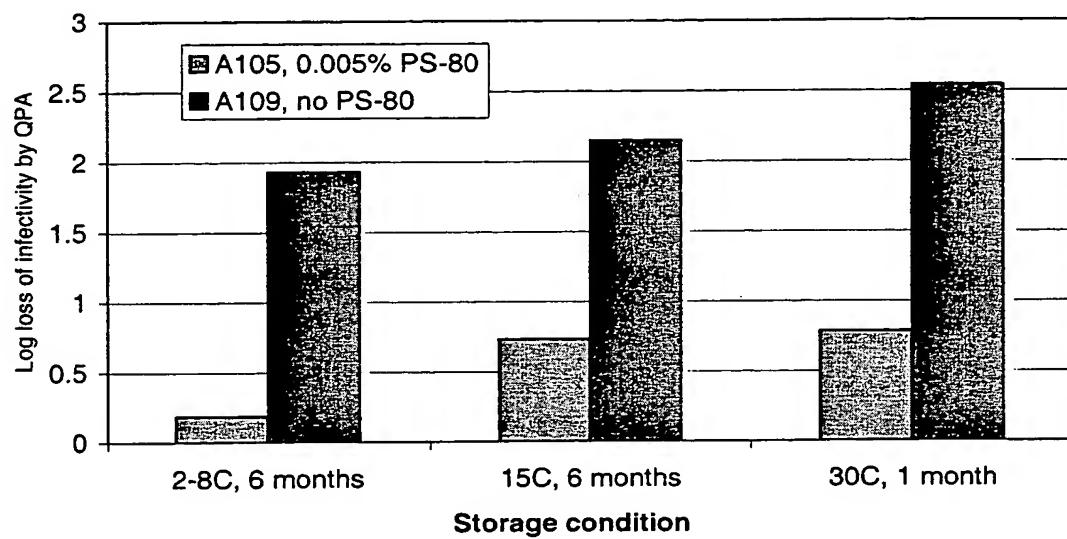


Figure 17. Effect of PS-80 on Ad5gag stability

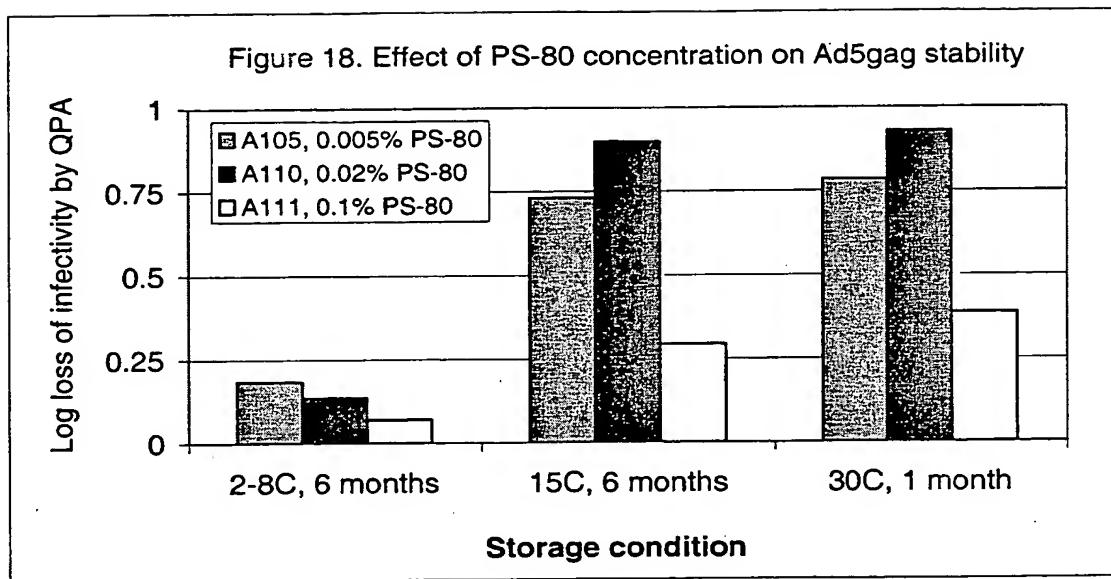


Figure 19. Effect of PS-80 concentration on Ad5gag stability

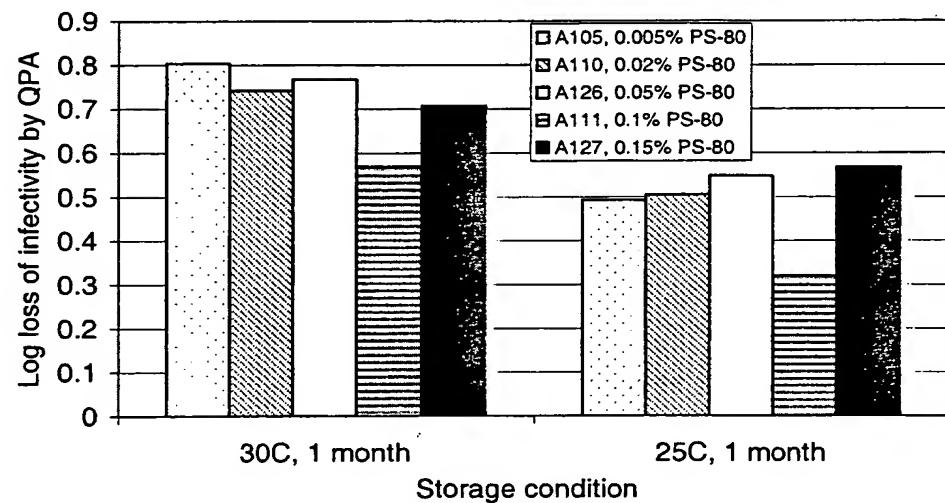


Figure 20. Effect of polysorbate type on the stability of Ad5gag

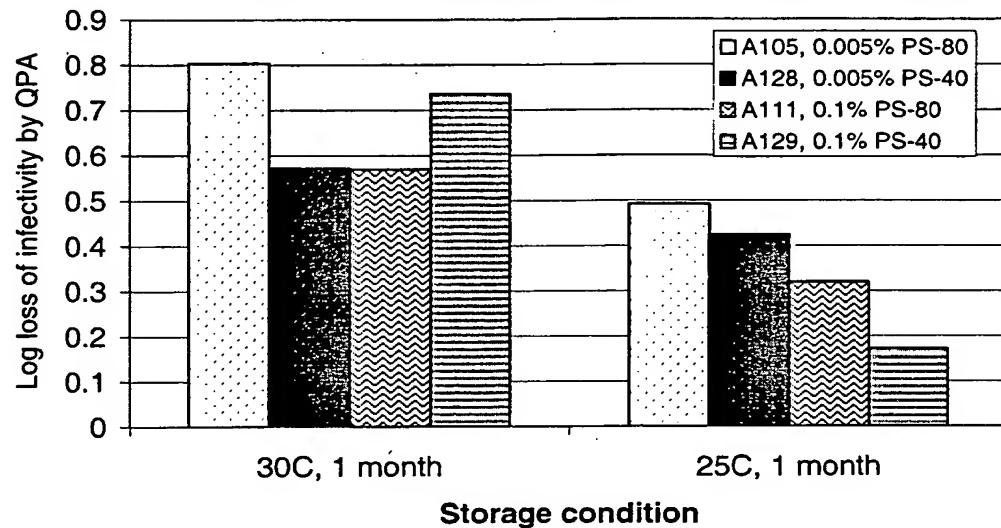


Figure 21. Effect of Ad5FLgag concentration on storage stability at 37°C in A105

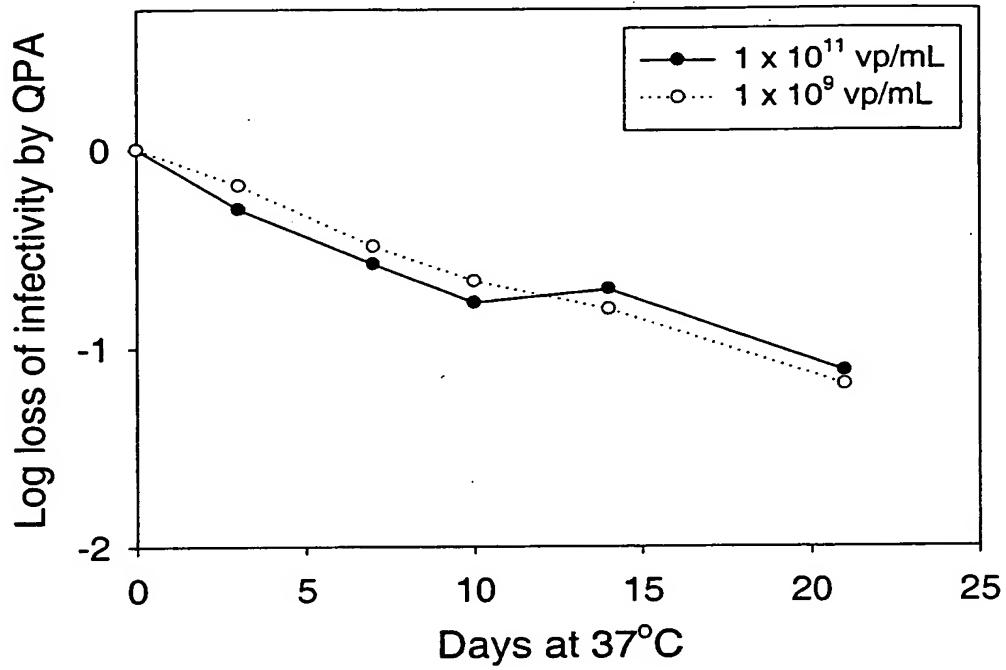
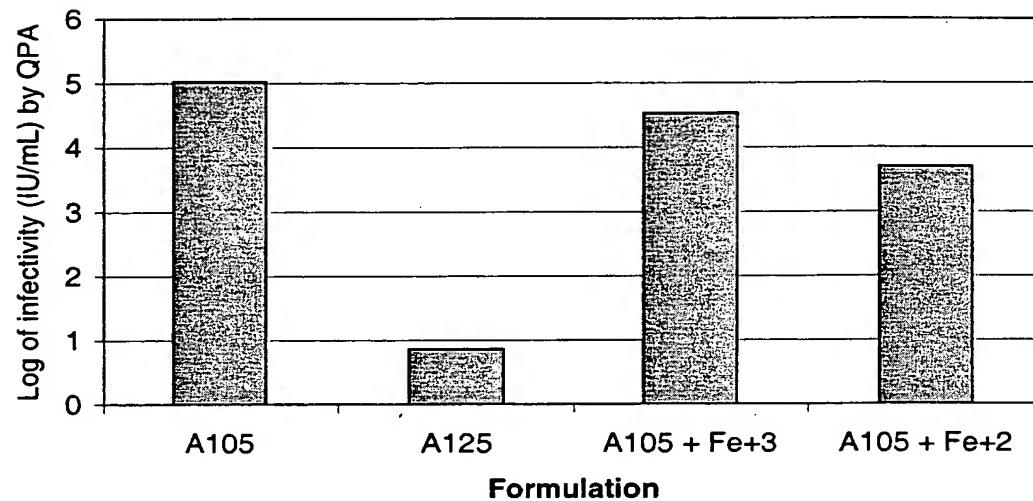
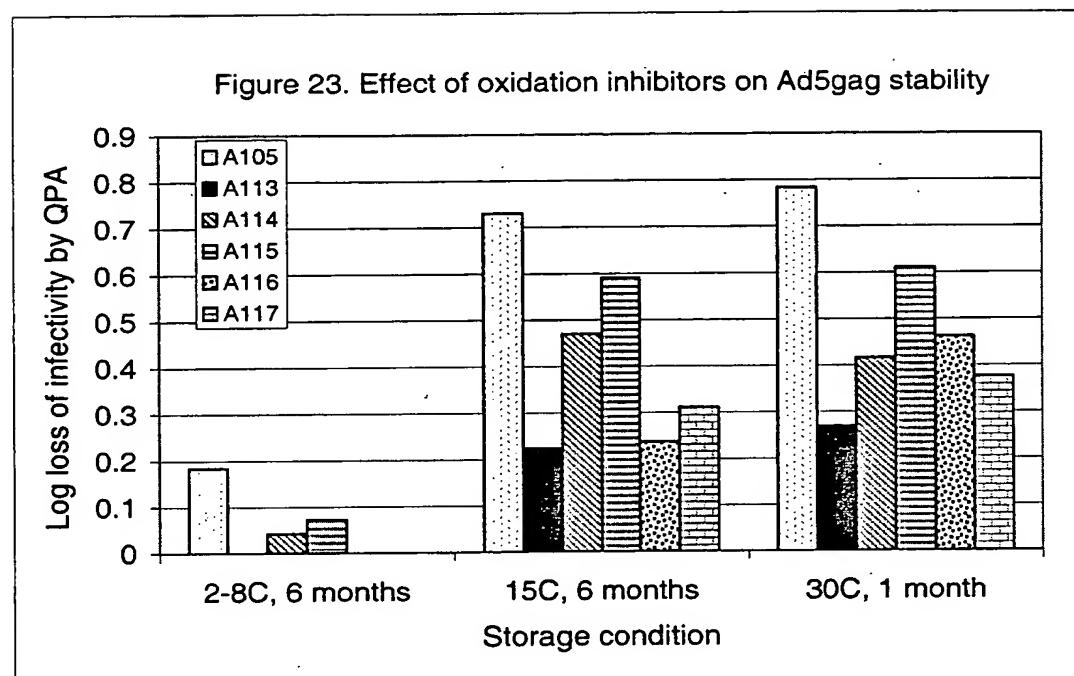
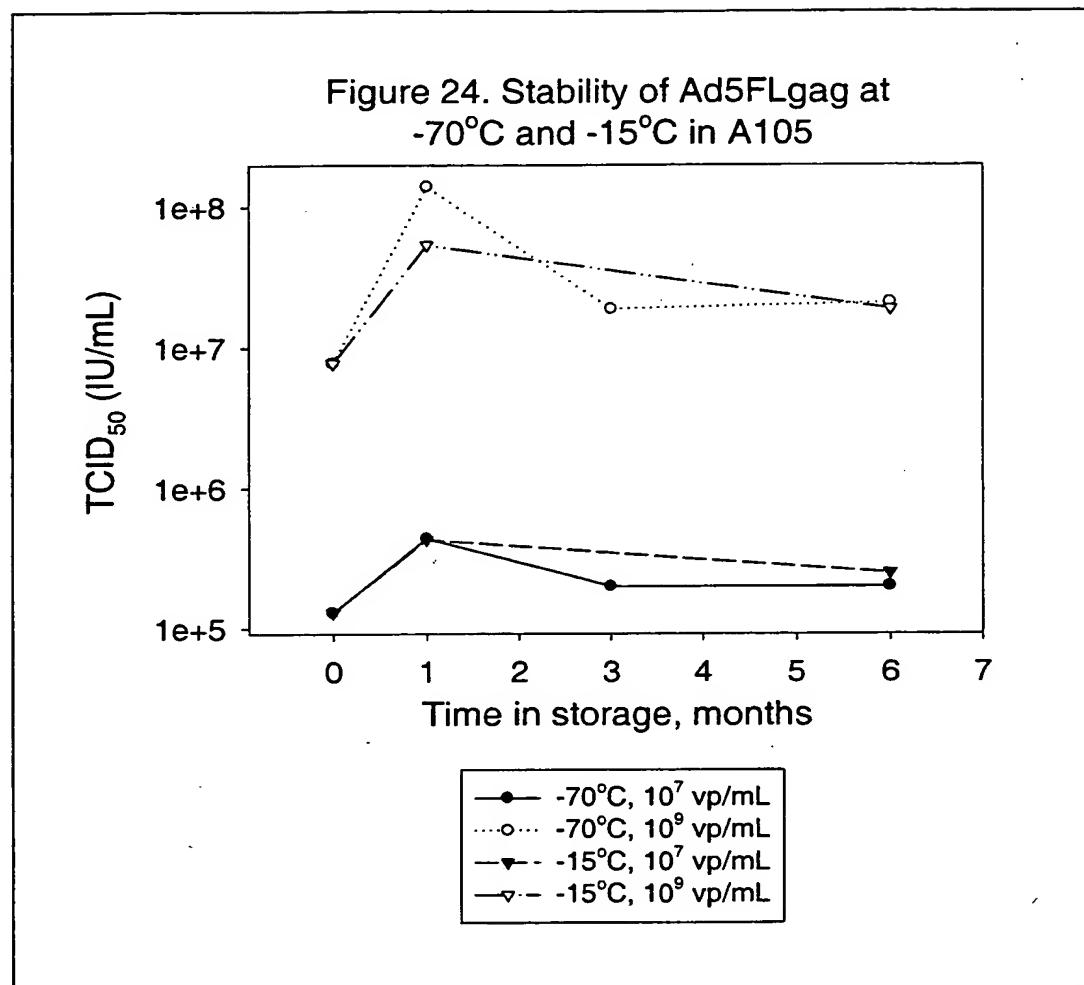


Figure 22. Effect of ascorbic acid and iron on Ad5gag stability







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Figure 25. Stability of Ad5gag in A105 at -70C

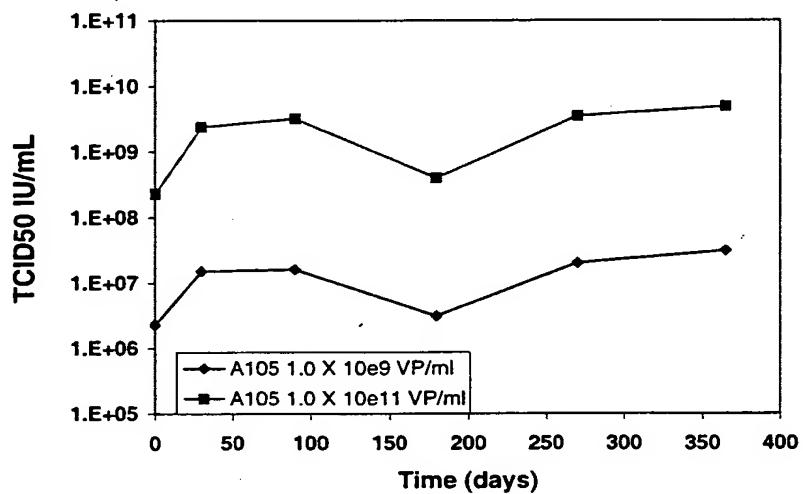


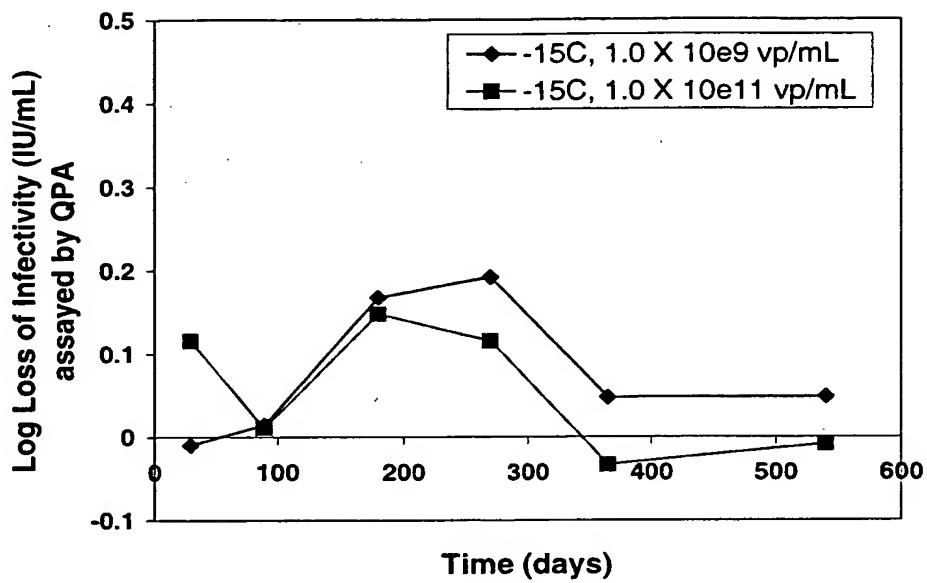
Figure 26. Stability of Ad5gag in A105 at -15°C

Figure 27. Effect of combining 0.1% PS-80 and
EDTA/EtOH on Ad5gag stability

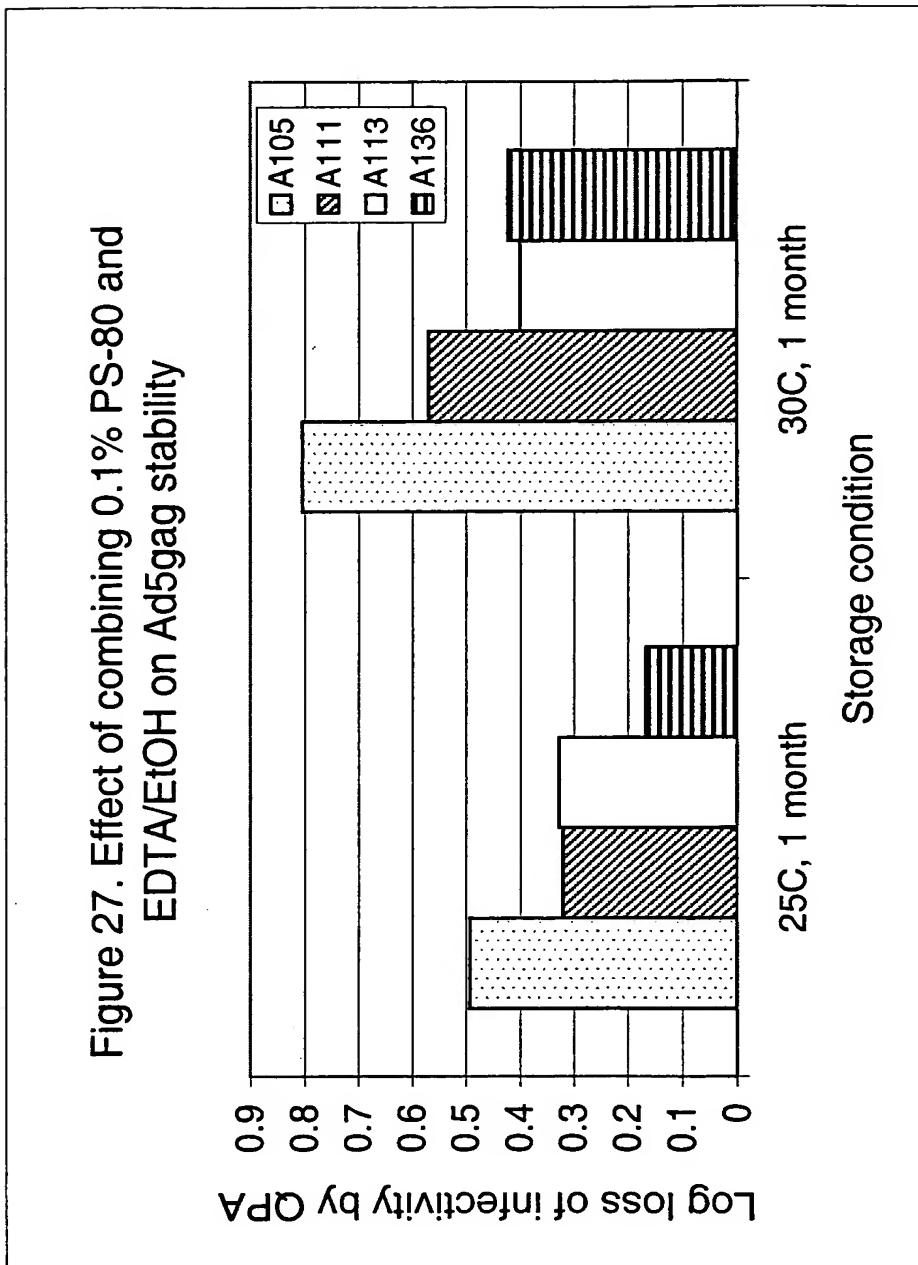
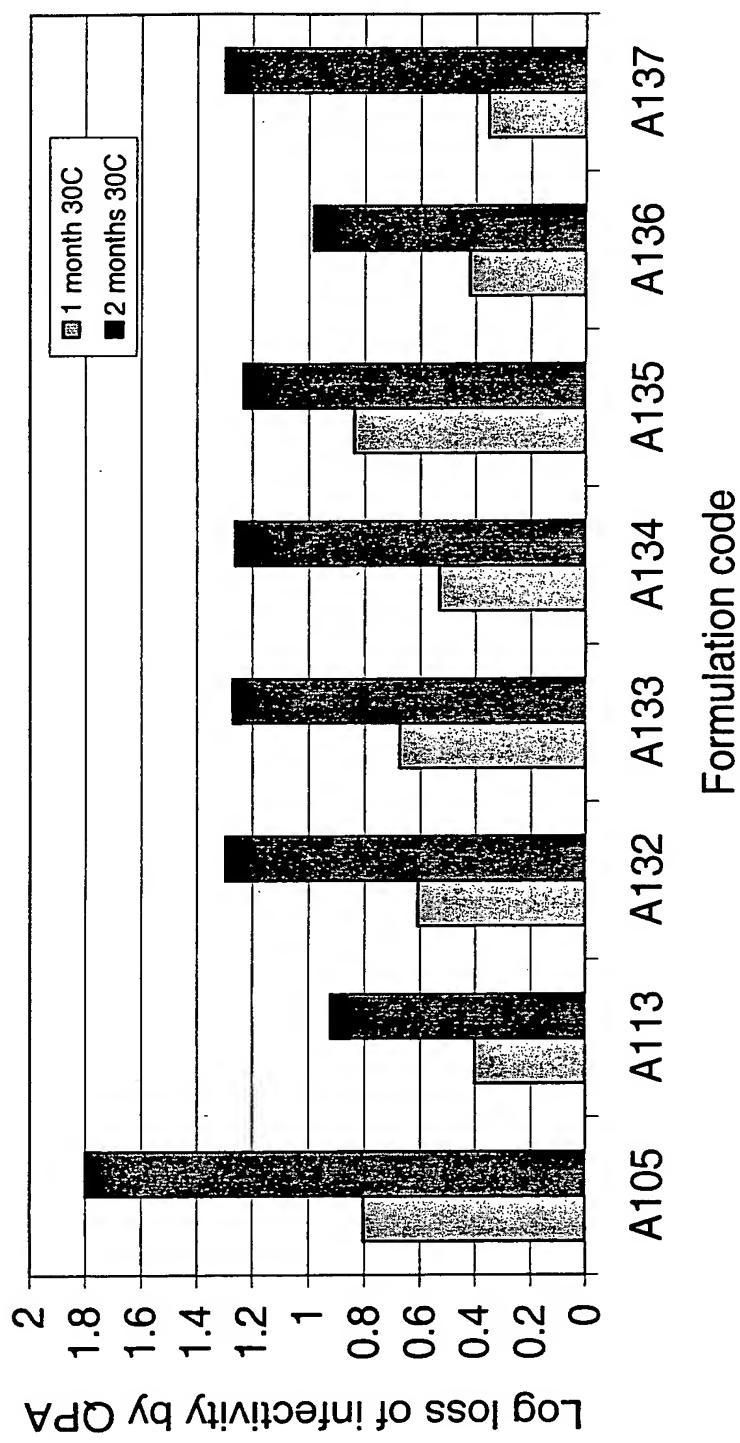
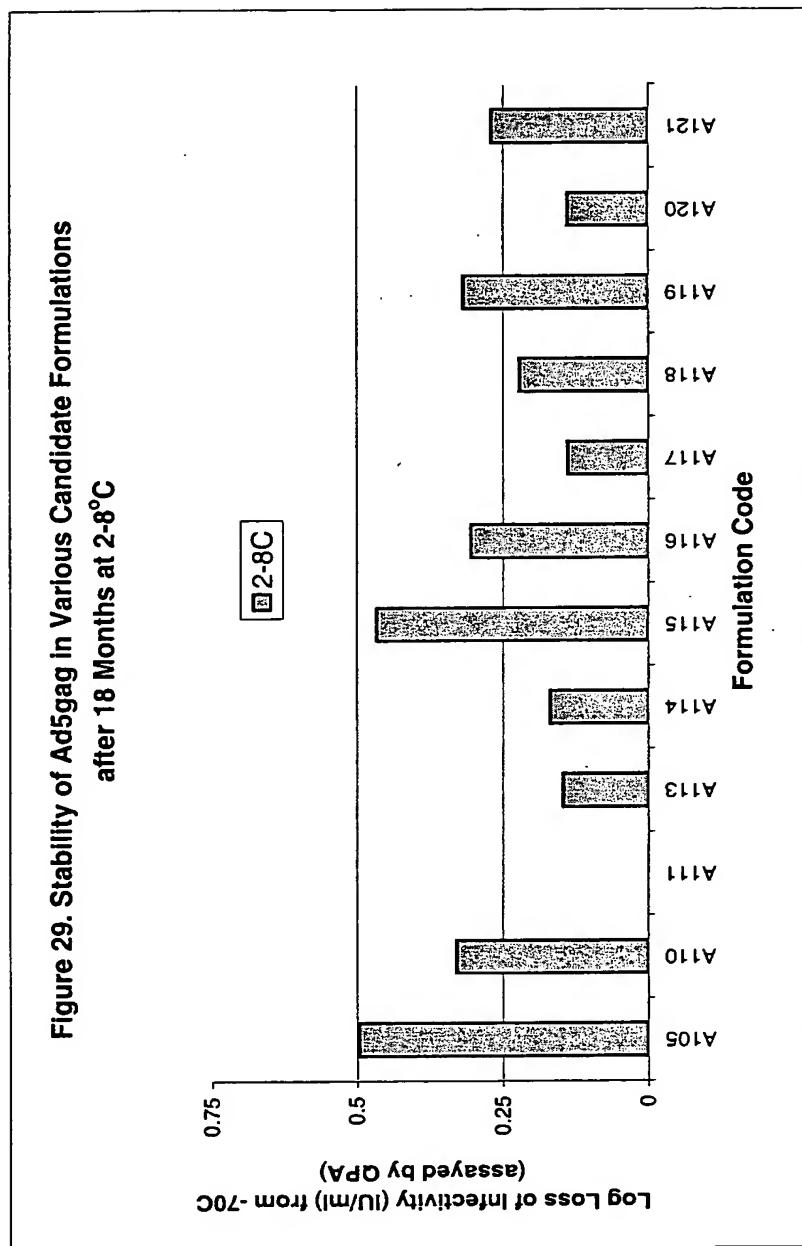


Figure 28. Effect of oxidation inhibitors on the stability of Ad5gag in A105





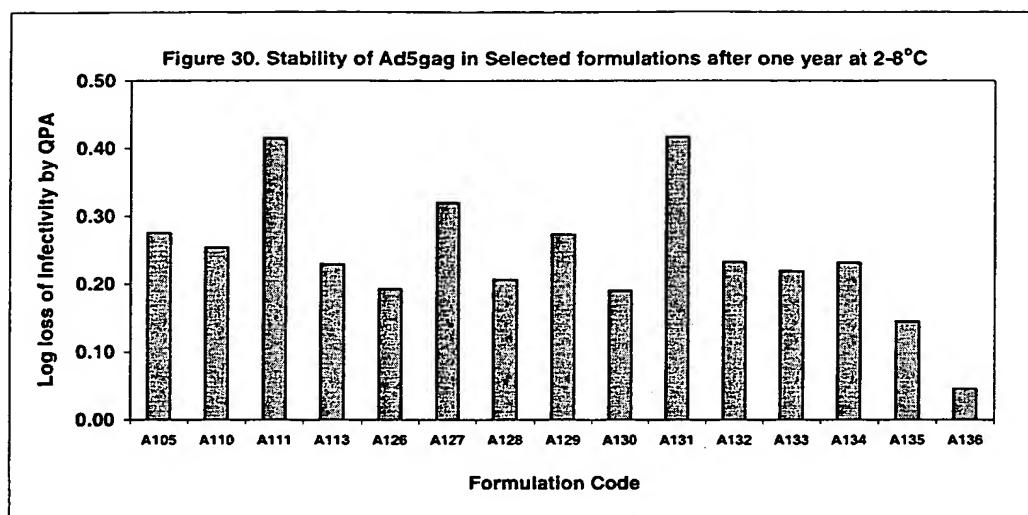
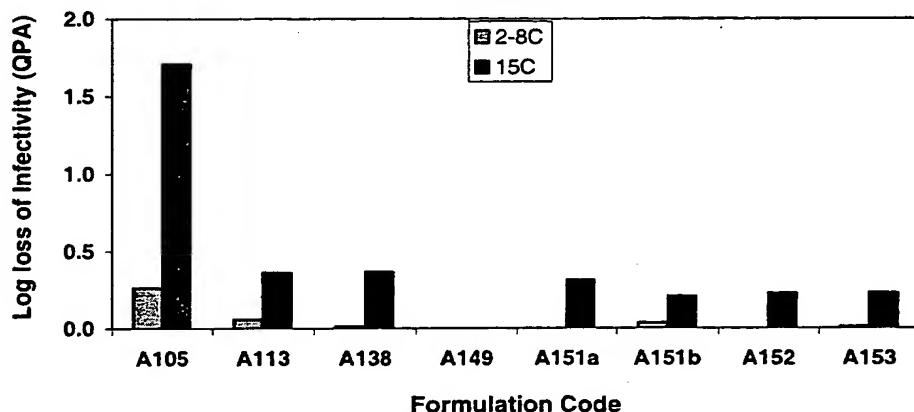


Figure 31. Stability of Ad5gag in Selected Formulations after 9 months of Storage at 2-8°C and 15°C



**Figure 32. Stability of Ad5gag Candidate Formulations
after 9 months of storage at 2-8°C and 15°C**

